

#### **DEFENSE INFORMATION SYSTEMS AGENCY**

JOINT INTEROPERABILITY TEST COMMAND P.O. BOX 12798 FORT HUACHUCA, ARIZONA 85670-2798

Battlespace Communications Portfolio (JTE)

21 December 2007

### MEMORANDUM FOR DISTRIBUTION

SUBJECT: Special Interoperability Test Certification for T-METRICS, INC., TM-2000

Multi-Purpose Automatic Call Distribution (ACD) Platform Version Load 15 Oct

04 with the Specified Nortel Networks Digital Switching Systems

References: (a) DoD Directive 4630.5, "Interoperability and Supportability of Information

Technology (IT) and National Security Systems (NSS)," 5 May 2004

(b) CJCSI 6212.01D, "Interoperability and Supportability of Information  $\,$ 

Technology and National Security Systems," 8 March 2006

- 1. References (a) and (b) establish the Defense Information Systems Agency, Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification. Additional references are provided in enclosure 1.
- 2. The T-METRICS, INC., TM-2000 Multi-Purpose ACD Platform with Version Load 15 Oct 04, hereinafter referred to as the system under test (SUT) meets its sole interface requirement and all required functional capabilities. Based on the original certification and review of the vendor letters of compliance, JITC has determined that this system meets all the critical interoperability certification requirements for an ACD as set forth in reference (c) for joint use within the Defense Switched Network (DSN), specifically with the Nortel Networks Meridian Switching Load (MSL)-100 Digital Switching System. The Communication Server (CS) 2100 Digital Switching System employs the same software and trunk/line card hardware as the MSL-100. Analysis by JITC determined that the CS2100 is functionally identical to the MSL-100 for interoperability certification purposes, and the SUT is also certified with the CS2100. The SUT is interoperable with the following MSL-100 proprietary Meridian Business Set (MBS) interfaces: M5008, M5216, and M5316. The SUT soft phone that emulates the Nortel Networks MBS used by the ACD agents was also tested and is covered under this certification. No other configurations, features, or functions, except those cited within this report, are certified or authorized for use within the DSN. This certification expires upon changes that affect interoperability, but no later than three years from the date of this memorandum.
- 3. This is a certification based on a desktop review of the SUT. The original certification was granted based on interoperability testing by JITC and review of the vendors Letters of Compliance (LoC). Interoperability testing was conducted at the Global Information Grid Network Test Facility, Fort Huachuca, Arizona, from 20 through 22 October 2004 and documented in reference (e). Review of vendor's LoC was completed on 20 November 2004.

JITC Memo, JTE, Special Interoperability Test Certification of the T-METRICS, INC., TM-2000 Multi-Purpose Automatic Call Distribution (ACD) Platform Version Load 15 Oct 04 with the Specified Nortel Networks Digital Switching Systems

A desktop review of the SUT was conducted on 15 November 2007 to determine if the SUT required additional testing. Due to the SUT not having software or firmware changes and the DSN interfaces not significantly changing, JITC concluded that further interoperability testing was not required and the SUT is certified again. Review of the CS2100 was conducted on 16 November 2007 to determine if the SUT required additional testing. Due to the CS2100 having the same hardware, software, and interfaces, JITC conclude further interoperability testing was not required and the SUT is also certified with the CS2100. The Certification Testing Summary (enclosure 2) documents the test results and describes the test network.

4. The Functional Requirements used to evaluate the interoperability of the SUT and the interoperability statuses are indicated in table 1.

Table 1. SUT Functional Requirements and Interoperability Status

5. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/.gov users on the NIPRNet at <a href="https://stp.fhu.disa.mil">https://stp.fhu.disa.mil</a>. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at <a href="http://jit.fhu.disa.mil">http://jit.fhu.disa.mil</a> (NIPRNet), or <a href="http://j199.208.204.125">http://jit.fhu.disa.mil</a> (NIPRNet), or <a href="http://j199.208.204.125">http://jit.fhu.disa.mil</a> (NIPRNet) (SiPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at <a href="http://jitc.fhu.disa.mil/tssi">http://jitc.fhu.disa.mil/tssi</a>.

JITC Memo, JTE, Special Interoperability Test Certification of the T-METRICS, INC., TM-2000 Multi-Purpose Automatic Call Distribution (ACD) Platform Version Load 15 Oct 04 with the Specified Nortel Networks Digital Switching Systems

6. The JITC point of contact is Mr. Steven Lesneski, DSN 879-5400, commercial (520) 538-5400, FAX DSN 879-4347, or e-mail to <a href="mailto:Steven.Lesneski@.disa.mil">Steven.Lesneski@.disa.mil</a>. The tracking number for the SUT is 42261.

### FOR THE COMMANDER:

2 Enclosures a/s

RICHARD A. MEADOR

ZSMO person

Chief

**Battlespace Communications Portfolio** 

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U.S. Joint Forces Command, J68, Net-Centric Integration, Communications, and Capabilities Division, 1562 Mitscher Ave., Norfolk, VA 23551-2488

Defense Information Systems Agency (DISA), ATTN: GS23 (Mr. McLaughlin), Room 5W23, 5275 Leesburg Pike (RTE 7), Falls Church, VA 22041

## **ADDITIONAL REFERENCES**

- (c) Defense Information Systems Agency, "Department of Defense Voice Networks Generic Switching Center Requirements (GSCR), Errata Change 2," 14 December 2006, Revised 27 March 2007
- (d) Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP), Change 2," 2 October 2006
- (e) Joint Interoperability Test Command, Memo, JTE, "Special Interoperability Test Certification of the T-METRICS, INC., TM-2000 Multi-Purpose Automatic Call Distribution (ACD) Platform Version Load 15 Oct 04 with the Nortel Networks MSL-100 Digital Switching System," 29 December 2004

### **CERTIFICATION TESTING SUMMARY**

- **1. SYSTEM TITLE.** Special Interoperability Test Certification for T-METRICS, INC., TM-2000 Multi-Purpose Automatic Call Distribution (ACD) Platform Version Load 15 Oct 04 with the Specified Nortel Networks Digital Switching Systems, hereinafter referred to as the System Under Test (SUT).
- 2. PROPONENT. Air Force Space Command (AFSPC CSS).
- **3. PROGRAM MANAGER.** Msgt Rodolfo Rodriguez, A6NIS, 150 Vandenberg Street, Suite 1105, Peterson Air Force Base, Colorado 80914-4730, e-mail: rodolfo.rodriguez.3@us.af.mi.
- 4. TESTER. Joint Interoperability Test Command (JITC), Fort Huachuca, Arizona.
- **5. SYSTEM UNDER TEST DESCRIPTION.** The SUT provides Interactive Voice Response, ACD, and other call completion functions for the Department of Defense and many large organizations in the commercial world. Some of the functions that the SUT provides are: Customer Relationship Management, database lookups (the platform can look up information about a caller and read back that information to the caller), moralecall server, hearts-apart call server, point and click Hypertext Markup Language-based call log reports, real-time status of functions being performed by the platform and agents servicing calls with the platform. An ACD system processes incoming telephone calls on a first-come, first-serve basis. The system typically answers each call immediately and, if necessary, holds it in queue until it can be directed to the next available ACD call center agent. When an agent becomes available, the agent serves the first caller in this queue. Based on test results and review of the vendor's Letters of Compliance (LoC), JITC has determined that this system meets all the interface and functional interoperability certification requirements for an ACD as set forth in the GSCR specifically with the Nortel Networks Meridian Switching Load (MSL)-100. JITC analysis determined the SUT is also certified with the Nortel Communication Server (CS)2100. The SUT is interoperable with the following MSL-100 proprietary Meridian Business Set (MBS) interfaces: M5008, M5216, and M5316. The SUT soft phone used by the ACD agents that emulates the Nortel Networks M5008, M5216 and M5316 MBS was also tested and is covered under this certification.
- **6. OPERATIONAL ARCHITECTURE.** The Generic Switching Center Requirements (GSCR) DSN architecture in figure 2-1 depicts the relationship of the SUT to the DSN switches.

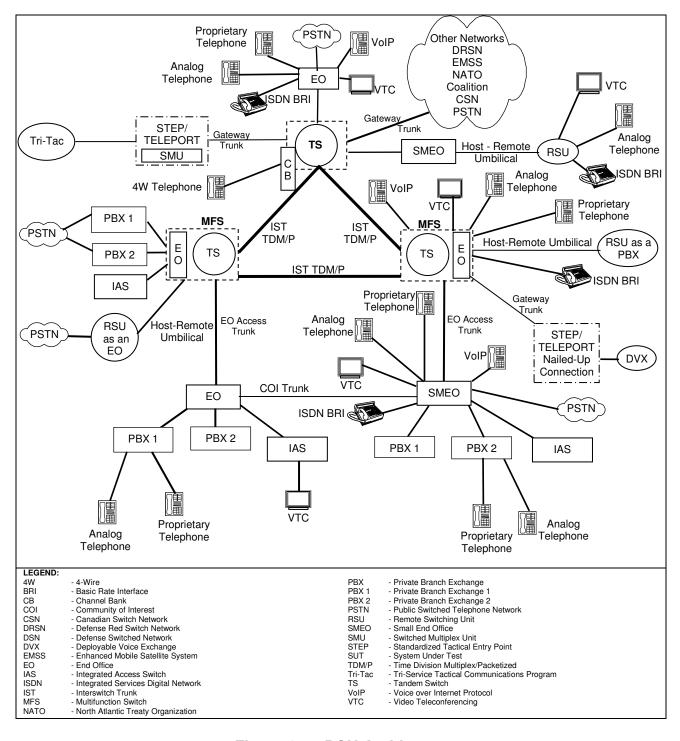


Figure 2-1. DSN Architecture

7. REQUIRED SYSTEM INTERFACES. Requirements specific to the SUT and interoperability results are listed in table 2-1. These requirements are derived from the

GSCR Interface and Functional Requirements and were verified through JITC testing. The specific SUT applications certified on each interface are depicted in table 2-1.

Table 2-1. SUT Functional Requirements and Interoperability Status

**8. TEST NETWORK DESCRIPTION.** The SUT was tested at JITC's Global Information Grid Network Test Facility in a manner and configuration similar to that of the DSN operational environment. Testing the system's required functions and features was conducted using the test configurations depicted in figure 2-2.

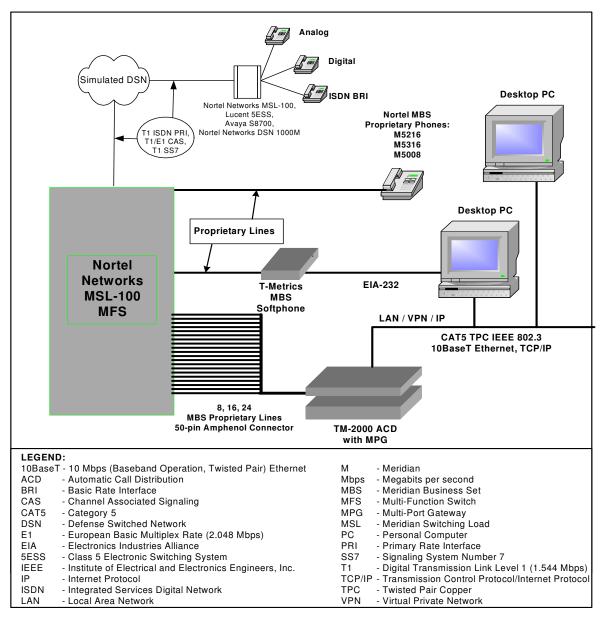


Figure 2-2. Test Configuration

**9. SYSTEM CONFIGURATIONS.** Table 2-2 provides the system configurations, hardware and software components tested with the SUT. The SUT was tested in an operationally realistic environment to determine interoperability with a complement of DSN switches noted in table 2-2. The DSN switches listed in table 2-2 only depict the tested configuration. Table 2-2 is not intended to identify the only switches that are certified with the SUT. The SUT is certified with switching systems listed on the DSN Approved Products List (APL) that offer the same certified interfaces. Table 2-3 provides the Nortel Networks MSL-100 service order database configurations used to test the SUT. Table 2-4 provides the SUT ACD key assignments.

**Table 2-2. SUT Tested Configurations** 

System Name			Hardware/Software Release						
Siemens EWSD			19d with Patch Set 43						
Nortel Networks MSL-100 (See note.)				Succession Enterprise (SE)06					
Nortel Networks DSN 1000M				Succession 3.0					
Avaya S8700				Communication Manager (CM) 2.01 (R012x.00.1.221.1)					
Lucent 5ESS									
			nponer	nts	Subcomponent Software/ Firmware				
	Motherboard: SuperMicro P4 800MHz, On-Board Video and Dual Gigabit LAN					N/A			
PC	Processor: INTP430E1M800, Pentium 4 3.0GHz HT w/800 FSB					N/A			
	Memory	: KIN512DDF	N/A						
			N/A						
			N/A						
	Sound Card: CLISBLIVEV51, Sound Blaster Live Dolby 5.1					N/A			
	CD-ROM: NUTDCR521BLK, 52X Black					N/A			
			N/A						
TMI ACD Controller Module						VL 12 Oct 04			
TMI Event Server Module						VL 24 Sep 04			
TMI DigiFone Module						VL 15 Oct 04			
TMI Media Player						VL 24 May 04			
						VL 12 Oct 04			
						VL 31 Aug 04 VL 15 Oct 04			
						FW 3.24			
IVIDS-501				<del>,</del>	Control Board	FW 0022			
	ort Gateway:		-		FW 00A3				
Switching System ribution by second general ad Only Memory rver Network alsystem Digital by Test Command is	tion		MB MBS MHz MSL N/A P4 PC PCI RAID SUT TMI VL	- Meridia - Megahe - Meridia - Not App - Pentiun - Person - Periphe - Redunc - System - T-Metric	rte n Business Set ptz n Switching Load plicable n 4 al Computer ral Component Interconnect ant Array of Inexpensive Disks under Test se Inc.				
	EWSD SL-100 (See not so DSN 1000M) S8700 SESS  PC  PC  Switching System ribution pays second general are	EWSD  SL-100 (See note.)  S DSN 1000M  S8700  SESS   Motherl On-Boat Process FSB  Memory RAID 10  RAID Co Port AT/ Sound 0  CD-ROI PCI Rise & 1-32 b  Multi-Po  Switching System ribution ray second generation and Only Memory recovery reco	EWSD  SL-100 (See note.)  S DSN 1000M  S8700  CESS   Motherboard: Super On-Board Video and Identification of the processor: INTP430Ides and Identification of the processor: INTP430Identification of the processor: INTP430Identificatio	### PC ##	EWSD	EWSD			

# Table 2-3. MSL-100 Service Order Configurations

```
LEN: HOST 00 1 00 16
TYPE: PILOT OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 8 HUNT MEMBER: 0
DIRECTORY NUMBER: 6666221
LINE CLASS CODE: M5316 SET
CUSTGRP: MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 17
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
 1 DN 6006666221
 KEY FEATURE
 2 CXR CTALL N RLS
GROUP OPTIONS:
RCVD
MEMBER INFO:
 2 6006666222
 2
    6006666223
 2
    6006666224
 2 6006666225
 2 6006666226
2 6006666227
2 6006666228
LEN: HOST 00 1 00 17
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 8 HUNT MEMBER: 1
DIRECTORY NUMBER: 6666222
LINE CLASS CODE: M5316 SET
CUSTGRP: MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 18
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
 1 DN 6006666222
 KEY FEATURE
 2 CXR CTALL N RLS
PILOT DN: 6006666221
GROUP OPTIONS:
RCVD
```

Table 2-3. MSL-100 Service Order Configurations (continued)

```
LEN: HOST 00 1 00 18
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 8 HUNT MEMBER: 2
DIRECTORY NUMBER: 6666223
LINE CLASS CODE: M5316 SET
CUSTGRP: MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 19
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
 1 DN 6006666223
 KEY FEATURE
 2 CXR CTALL N RLS
PILOT DN: 6006666221
GROUP OPTIONS:
RCVD
LEN: HOST 00 1 00 19
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 8 HUNT MEMBER: 3
DIRECTORY NUMBER: 6666224
LINE CLASS CODE: M5316 SET
CUSTGRP: MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 20
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
 1 DN 6006666224
 KEY FEATURE
 2 CXR CTALL N RLS
PILOT DN: 6006666221
GROUP OPTIONS:
RCVD
```

Table 2-3. MSL-100 Service Order Configurations (continued)

```
LEN: HOST 00 1 00 20
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 8 HUNT MEMBER: 4
DIRECTORY NUMBER: 6666225
LINE CLASS CODE: M5316 SET
CUSTGRP: MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 21
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
 1 DN 6006666225
 KEY FEATURE
 2 CXR CTALL N RLS
PILOT DN: 6006666221
GROUP OPTIONS:
RCVD
LEN: HOST 00 1 00 21
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 8 HUNT MEMBER: 5
DIRECTORY NUMBER: 6666226
LINE CLASS CODE: M5316 SET
           MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 22
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
 1 DN
            6006666226
 KEY FEATURE
  2 CXR CTALL N RLS
PILOT DN: 600666221
GROUP OPTIONS:
RCVD
```

# **Table 2-3. MSL-100 Service Order Configurations (continued)**

```
LEN: HOST 00 1 00 22
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 8 HUNT MEMBER: 6
DIRECTORY NUMBER: 6666227
LINE CLASS CODE: M5316 SET
CUSTGRP: MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 23
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
     DN 6006666227
  1
  3 MDN 6006676231 SCA PRIM:N RING :ALWAYS NCOS:2
 KEY FEATURE
  2 CXR CTALL N RLS
PILOT DN: 6006666221
GROUP OPTIONS:
RCVD
LEN: HOST 00 1 00 23
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 8 HUNT MEMBER: 7
DIRECTORY NUMBER: 6666228
LINE CLASS CODE: M5316 SET
           MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 24
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
  1 DN 6006666228
3 MDN 6006676229 SCA PRIM:N RING :ALWAYS NCOS:2
 KEY FEATURE
  2 CXR CTALL N RLS
PILOT DN: 600666221
GROUP OPTIONS:
RCVD
```

Table 2-3. MSL-100 Service Order Configurations (continued)

```
LEN: HOST 00 1 00 24
TYPE: PILOT OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 9 HUNT MEMBER: 0
DIRECTORY NUMBER: 6666230
LINE CLASS CODE: M5316 SET
CUSTGRP: MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AC GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 25
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
  1 DN 600666230
  3 MDN 6006676229 SCA PRIM:Y RING :ALWAYS NCOS:2
 KEY FEATURE
  2 CXR CTALL N RLS
GROUP OPTIONS:
RCVD
MEMBER INFO:
2 6006666232
LEN: HOST 00 1 00 25
TYPE: MEMBER OF DNH HUNT GROUP
SNPA: 600
HUNT GROUP: 9 HUNT MEMBER: 1
DIRECTORY NUMBER: 6666232
LINE CLASS CODE: M5316 SET
CUSTGRP: MFS6 SUBGRP: 0 NCOS: 2 RING: Y
CARDCODE: 6X21AD GND: N PADGRP: NPDGP BNV: NL MNO: Y
PM NODE NUMBER : 50
PM TERMINAL NUMBER: 26
OPTIONS:
AVT PREMTBL
CXR CTALL N RLS
 KEY DN
  1
     DN
            6006666232
  3 MDN 6006676231 SCA PRIM:Y RING :ALWAYS NCOS:2
 KEY FEATURE
  2 CXR CTALL N RLS
PILOT DN: 6006666230
GROUP OPTIONS:
RCVD
```

**Table 2-4. SUT ACD Key Assignments** 

•			25 I	Pair Cable w	ith 50 Pin An	phenol Con	nector			-
	Soft Phone	Hard Phone								
LEN/Cable Pair	0-1-0-16 Pair 1	0-1-0-17 Pair 2	0-1-0-18 Pair 3	0-1-0-19 Pair 4	0-1-0-20 Pair 5	0-1-0-21 Pair 6	0-1-0-22 Pair 7	0-1-0-23 Pair 8	0-1-0-24 Pair 11	0-1-0-25 Pair 12
Key1	666-6021 Pilot Hunt Group DN	666-6022 Pilot Hunt Group DN#2	666-6023 Pilot Hunt Group DN#2	666-6024 Pilot Hunt Group DN#2	666-6025 Pilot Hunt Group DN#2	666-6026 Pilot Hunt Group DN#2	666-6027 Pilot Hunt Group DN#2	666-6028 Pilot Hunt Group DN#2	666-6230	666-6232
Key2	Call Transfer with Release	Call Transfer with Release	Call Transfer with Release	Call Transfer with Release	Call Transfer with Release	Call Transfer with Release	Call Transfer with Release	Call Transfer with Release	Call Transfer with Release	Call Transfer with Release
Key3							SCA MADN 667-6231	SCA MADN 667-6229	667-6229 MADN	667-6231 MADN
Key4										
Key5										
Key6										
Key7										

#### LEGEND:

LEGEND:
ACD - Automatic Call Distribution
DN - Directory Number
LEN - Line Equipment Number
MADN - Multiple Appearance Directory Number
SCA - Secondary Call Appearance
SUT - System Under Test

### 10. TEST LIMITATIONS. None.

### 11. TEST RESULTS

- **a. Discussion.** The SUT was tested by placing multiple ROUTINE through FLASH OVERRIDE precedence calls from analog, Integrated Services Digital Network, and Digital Proprietary telephones using the test configuration depicted in figure 2-2. The SUT proprietary interfaces support Multi-Level Precedence and Preemption (MLPP). Incoming and outgoing ROUTINE through FLASH OVERRIDE incoming calls were successfully completed. The SUT met MLPP interoperability requirements as set forth in the GSCR section 3. All preempted calls received the proper preemption notification tone, and were released and returned to an idle state ready for the subsequent caller.
- **b. Lessons Learned.** The SUT requires the assignment of the Multiple Appearance Directory Number (MADN) feature in the MSL-100 as depicted in tables 2-4 and 2-5 to allow the SUT to monitor which agents are active or idle, transferring subsequent incoming calls to idle agents. The number of agents assigned in the SUT must always equal the number of proprietary lines directly connected from the MSL-100 switch. Since MADN assignments in the MSL-100 do not allow MLPP, the MADN number assignment in the MSL-100 must be a non-direct-in-dial number that cannot be directly accessed by the DSN. Therefore, the only incoming calls placed to the MADN appearances on the ACD agent's phones are transferred calls automatically accomplished by the SUT. Outgoing calls from the ACD agent MADN lines to the DSN are allowed.
- **c. Test Summary.** The SUT meets all the interface and functional interoperability certification requirements for an ACD as set forth in the GSCR and is certified for joint use within the DSN specifically with the Nortel Networks MSL-100 and CS2100. The SUT is interoperable with the following MSL-100 proprietary MBS interfaces: M5008, M5216, and M5316. The SUT soft phone used by the ACD agents that emulates the Nortel Networks M5008, M5216 and M5316 MBS was also tested and is covered under this certification.
- 12. TEST AND ANALYSIS REPORT. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at <a href="https://stp.fhu.disa.mil">https://stp.fhu.disa.mil</a>. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at <a href="http://jit.fhu.disa.mil">http://jit.fhu.disa.mil</a> (NIPRNet), or <a href="http://jitc.shu.disa.mil/tssi">http://jitc.shu.disa.mil/tssi</a>. (SIPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at <a href="http://jitc.fhu.disa.mil/tssi">http://jitc.fhu.disa.mil/tssi</a>.